

Workshop on Hazard from Induced Seismicity

Co-hosted by: Oklahoma Geological Survey and USGS
November 17th: Field trip, departing from the Sheraton, 3 – 6 PM
November 18th: Technical talks, The Reed Center, 8 – 5 PM
Midwest City, Oklahoma

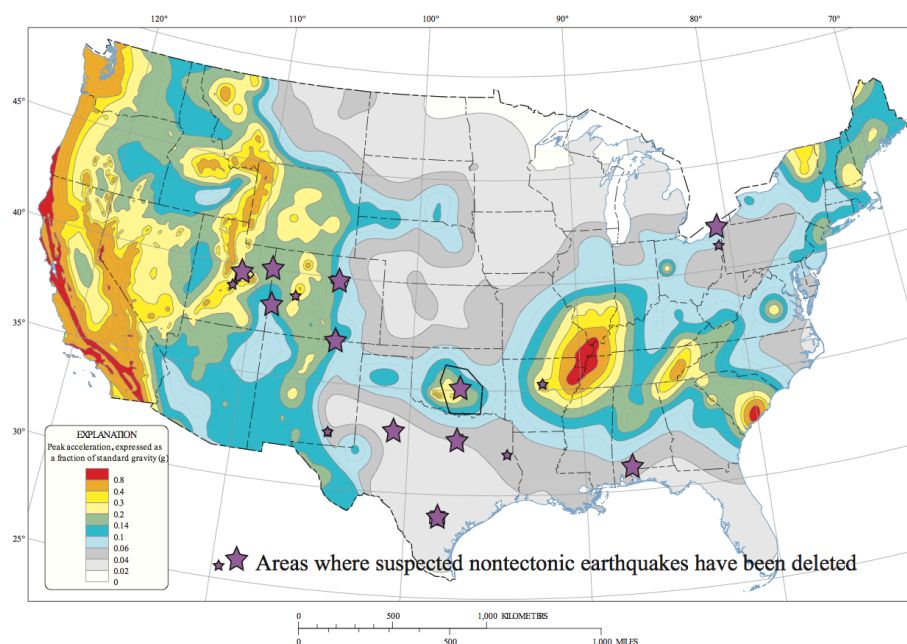
The workshop will develop the methodology and models to describe the hazard from induced seismicity for the United States.

The National Seismic Hazard Maps (NSHM) affect public safety and influence building and insurance costs, totaling several hundred billion dollars per year. Currently, suspected nontectonic earthquakes are removed from the hazard calculations for the NSHM. The hazard calculations for about 10 states, including Oklahoma, will be affected by taking into account suspected nontectonic earthquakes.

Scientists from State Geological Surveys, academia, the USGS will present their initial findings from including induced seismicity into the hazard calculations. We will discuss: 1) input into the hazard maps, 2) impacts of the decisions, 3) regulatory and industry issues, and 4) hazard products.

We invite regulators, industry representatives, scientists, engineers, and the public to provide insight for this new hazard model.

Workshop registration link (available 9/17/14), <http://earthquake.usgs.gov/hazards/about/workshops/>.
For more information, Susan Hoover: shoover@usgs.gov, or Michelle Summers: mjsummers@ou.edu.



Two-percent probability of exceedance in 50 years map of peak ground acceleration